

**ABSTRACT**

A method or apparatus for analyzing an object includes an X-ray prescanner that performs a prescan of the object to determine prescan information about the object.

Then, a CT scanner performs a CT scan on at least one plane of the object based on the

5 prescan information to determine CT information. In one embodiment, if the CT scan of the object includes or is in the vicinity of metal, then metal artifact correction of a

reconstructed image from the CT scan is performed based on the prescan information. In

another embodiment, a processor analyzes the CT information and the prescan

information to determine whether to update the prescan information based on the CT

10 information

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